

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

1-20. (Canceled)

21. (New) A method for producing a running gear toothing, comprising the steps of:

forming a running gear toothing by forging or casting a first toothing shape; and

electrochemically machining the first toothing shape into a final toothing shape,

wherein in the electrochemically machining step, an electrochemical machining electrode has a negative shape of an individual space between teeth of the toothing and is moved toward the running gear toothing up to a flushing gap therebetween.

22. (New) The production method according to claim 21, wherein the running gear toothing is formed with oversized dimensions.

23. (New) The production method according to claim 22, wherein in the electrochemically forming step, the electrode is moved into at least one

intervening space between the teeth of the running gear up to the flushing gap, while the running gear is located in an electrolyte bath.

24. (New) The production method according to claim 23, wherein a voltage is applied between the running gear and the electrode.

25. (New) The production method according to claim 24, wherein the electrode has a negative shape of an overall running gear toothing and machines the running gear toothing by chucking.

26. (New) The production method according to claim 25, wherein the running gear toothing belongs to a toothed gearwheel, and the electrode is fed to the running gear with a relative movement axially with respect to a rotational axis of the gearwheel of the running gear during the electrochemically machining step.

27. (New) The production method according to claim 26, wherein the running gear toothing is a helical or spiral toothing, and the electrode rotates in a relative fashion according to the helical or spiral toothing during its relative axial movement during the electrochemically machining step.

28. (New) The production method according to claim 24, wherein the electrode has a negative shape of a single intervening space between teeth.

29. (New) The production method according to claim 28, wherein a plurality of electrodes which are provided with the negative shape of a single space between teeth are simultaneously fed to the running gear during the electrochemically machining step.

30. (New) The production method according to claim 28, wherein the electrode is fed to the running gear radially.

31. (New) The production method according to claim 29, wherein the electrodes are conductively interconnected.

32. (New) The production method according to claim 21, wherein a reinforcing rib is formed at the teeth of the running gear as one piece in the intervening spaces between the teeth.

33. (New) The production method according to claim 21, wherein a reinforcing rib extends between the teeth of the running gear at least on one of the front ends of its teeth.

34. (New) A running gear toothing, comprising:
a forged or cast running gear toothing having an electrochemically machined final toothing shape,

wherein a reinforcing rib extends between the teeth of the running gear at least on one of front ends of teeth of the toothing.

35. (New) The running gear toothing according to claim 34, wherein the running gear toothing belongs to a gearwheel with a front side configured to receive an electrode having a recess with an internal toothing in the negative shape of an overall running gear toothing.

36. (New) The running gear according to claim 35, wherein the running gear toothing is a spiral toothing.

37. (New) The running gear according to claim 34, wherein the running gear toothing belongs to a ring gear on configured to receive an electrode having on a front side a toothing in the negative shape of an overall running gear toothing.

38. (New) The running gear according to claim 36, wherein the ring gear comprises a surrounding reinforcing rib.

39. (New) The running gear according to claim 37, wherein the ring gear is formed on a differential casing as one piece.

40. (New) The running gear according to claim 34, wherein the running gear toothing is part of a differential spur gear of a crown gear differential which is provided with reinforcing covers on both sides.

41. (New) The running gear according to claim 34, wherein a surface of a rolling region of the running gear is generated through electrochemical erosion.